

Sushobhan Pradhan

List of Publications by Year in descending order

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13
papers

263
citations

1162889

8
h-index

1199470

12
g-index

14
all docs

14
docs citations

14
times ranked

270
citing authors

#	ARTICLE	IF	CITATIONS
1	Production, ultrasonic extraction, and characterization of poly (3-hydroxybutyrate) (PHB) using <i>Bacillus megaterium</i> and <i>Cupriavidus necator</i> . <i>Polymers for Advanced Technologies</i> , 2018, 29, 2392-2400.	1.6	82
2	Microbial production, ultrasound-assisted extraction and characterization of biopolymer polyhydroxybutyrate (PHB) from terrestrial (<i>P. hysterophorus</i>) and aquatic (<i>E. crassipes</i>) invasive weeds. <i>Bioresource Technology</i> , 2017, 242, 304-310.	4.8	81
3	Production, Characterization, and Applications of Biodegradable Polymer: Polyhydroxyalkanoates. <i>Materials Horizons</i> , 2020, , 51-94.	0.3	15
4	A semi-experimental procedure for the estimation of permeability of microfluidic pore network. <i>MethodsX</i> , 2019, 6, 704-713.	0.7	13
5	A parametric study of layer-by-layer deposition of CaCO ₃ on glass surfaces towards fabricating carbonate reservoirs on microfluidic chips. <i>Journal of Petroleum Science and Engineering</i> , 2021, 198, 108231.	2.1	13
6	Influence of wettability on pressure-driven bubble nucleation: A potential method for dissolved gas separation. <i>Separation and Purification Technology</i> , 2019, 217, 31-39.	3.9	12
7	Effect of crushing on near-gravity material distribution in different size fractions of an Indian non-coking coal. <i>Journal of the South African Institute of Mining and Metallurgy</i> , 2016, 116, .	0.5	11
8	A method to perform float-and-sink test for separation of coal samples of various densities and determination of "Probable Error" and "Imperfection". <i>IOP SciNotes</i> , 2020, 1, 024403.	0.4	6
9	Mechanistic investigation in ultrasound-assisted interesterification using non-edible oil blends and heterogeneous catalyst. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, e2638.	0.8	5
10	Assessment of farm-level biodiesel unit—a potential alternative for sustainable future. , 2022, , 377-396.		4
11	An Analytical Method to Estimate Supersaturation in Gas-Liquid Systems as a Function of Pressure-Reduction Step and Waiting Time. <i>Eng</i> , 2022, 3, 116-123.	1.2	4
12	Microbial biodiesel: a comprehensive study toward sustainable biofuel production. , 2022, , 353-375.		1
13	Effect of Wettability on Vacuum-Driven Bubble Nucleation. <i>Processes</i> , 2022, 10, 1073.	1.3	1